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NL INDUSTRIES/TARACORP SUPERFUND SITE GROUP

**Leed Environmental, Inc.
Van Reed Office Plaza
2209 Quarry Drive, Suite C-35
Reading, PA 19609
Telephone: 610/670-7310
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December 29, 2004

First Class Mail

Mr. Brad Bradley
U.S. Environmental Protection Agency
77 West Jackson Boulevard
Chicago, IL 60604-3590

**Re: NL Industries/Taracorp Superfund Site; Granite City, Illinois
Operation and Maintenance Inspection (December 22, 2004)**

Dear Mr. Bradley:

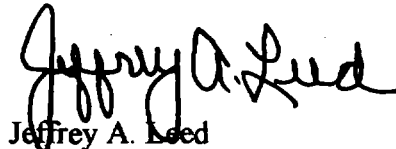
On December 22, 2004, ENTACT conducted an operation and maintenance inspection at the NL Industries/Taracorp Superfund Site on behalf of the NL Industries/Taracorp Superfund Site Group ("Group"). A copy of ENTACT's O&M log sheet, documenting the results of the inspection, is attached for your records.

ENTACT has reported that grass has germinated and is growing in the areas on the cap of the Taracorp pile that were filled, seeded, and covered with erosion blanket in September 2004.

Please contact this office if additional information or clarification is required at this time.

Very truly yours,

LEED ENVIRONMENTAL, INC.



Jeffrey A. Leed
Project Coordinator

attachment

cc: Ms. Sandra Bron - Illinois EPA (w/attachment, by first class mail)
Technical Committee, NL Industries/Taracorp Superfund Site Group
(w/attachment, by first class mail)



**NL Industries/Taracorp Superfund Site
O & M Inspection Log**

Inspector: Rich Wood, ENTACT

Date of Inspection: Wednesday, December 22, 2004

Site Structure	Inspected (Yes/No)	Inspection Observations	Maintenance Work Required or Performed
Security Fence:			
• Gates/locks secure and operative	Y	Locked and in good condition.	
• Evidence of rust, cuts, deterioration	Y	None.	
• Evidence of unauthorized entry	Y	None.	
• Burrowing or tunneling under fence	Y	None.	
• Damaged barbed wire	Y	None.	
• Comments			
Access Road:			
• Evidence of settlement or deterioration	Y	None.	
• Comments			
Landfill Cover – Vegetation			
• Establishment of grass from initial seeding	Y	100% coverage.	
• Adequate growth of vegetation	Y	Green vegetation. Approximately 8" high.	
• Evidence of stress	Y	None.	
• Presence of trees/shrubs	Y	None.	
• Need for mowing/maintenance	Y	None.	
• Comments			
Landfill Cover – Erosion			
• Evidence of erosion	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
Landfill Cover – Settlement			
• Evidence of settlement	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
Landfill Cover – Cracks			
• Evidence of cracks	Y	None.	
• Indicate areal extent and location	N/A		

Site Structure	Inspected (Yes/No)	Inspection Observations	Maintenance Work Required or Performed
• Comments			
Landfill Cover – Bulges			
• Evidence of bulges	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
Landfill Cover – Ponding			
• Evidence of ponding	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
Landfill Cover – Seeps			
• Evidence of seepage (leachate)	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
Landfill Cover – Slope Stability			
• Evidence of sliding	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
Leachate Management System			
• Riser pipe and locks	Y	Riser pipe clean and in good condition.	
• Leachate levels in sump	N		
• Necessary sampling activities	N		
• Necessary leachate disposal	N		
• Comments			
Concrete Drainage Channel			
• Evidence of cracks or obstructions	Y	No visible cracks.	
• Areas of erosion	Y	None.	
• Comments			
Asphalt Covers - Integrity			
• Evidence of broken asphalt or fissures	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			